ANNUAL INDEX 1984

A

Artus, Charles
Specialized hoses need special care, March . . . 42
Ash Grove's Louisville, Neb., plant July 48
Atlantic Cement Co., April 37
Aggregate
—A-Frame conveyor supports—saves time, money, July 27
—Automated sprinkler system cuts dust, July 28
—Belt angle station makes 90-deg turn, July 36
—BoM demonstrates noise control retrofits, July 38
—Computer aids sand producer, Feb. 32
—Computer logic yields 550 tph, Feb. 34
—Conveyor rides on a layer of air, July 33
—Electrostatic fog controls dust, July 30
—Excess fines, premium product, Sept. 42
—Forecast, Dec. 25
—Look inside a computer's mind, Feb. 30
—Low profile key to wash plant, July 44
—Movable crushers keep pace with face, July 36
—Particle size sensed by optical system, July 28
—Product parade of computers, Feb. 38
—Quarry spares gravel reserves, Mar. 52
—Rod deck screen takes out clay, Sept. 37
—'Sandwich' belt conveyor made for aggregates, July 28
—Separate plant aimed at riprap, Sept. 40
—Sizer/breaker replaces primary crusher, July 29
—Spoked wheels deflect oversize material, July 37
—Water clarifiers speed up water recycling, July 32
Aggregates, New plant ideas, July 27

B

Batch process technology for mini cement plants, Nov. 16
Baskatong Quartz, Inc., May 42
Blasting
Blasting series Part IV/electric and non-electric systems, June 36
Borg, David
M/S Blasting systems, Part IV, June 36
Corrections to M/S Delay Blasting systems, Oct. 18
Buyer's Guide, Jan. 87

C

Cement
—Ash Grove's new precalciner kiln, July . . . 48
—Coal quality . . . Some thoughts on, Oct. . . . 49
—Experience with flyash cement, Apr. 87
—Forecast, Dec. 35
—Forget past, Gordon warns, Feb. 44
—Giant Portland burns waste oil in kiln, Apr. 44
—International review, Apr. 47
—ITC ruling on imported cement, Feb. 13
—Japan Cement Study Tour, Oct. 50A
—Consider the fluid bed, Feb. 48A
—Kiln fuel: rice hulks, wood chips, Apr. 42
—Precalcining with fluid bed at Lafarge's Port-la-Nouvelle, plant June 28
—What business are we in?, Apr. 37
—World's largest cement plant, Aug. 34D
Cement terminal
Falcon Cement Co., Houston, Tx., Aug. . . 34A
Cement plants
—Ciments Francais' Cruas white cement plant, June 32
Pertneuf plant, Quebec, Canada, May 46
—Lafarge's Port-la-Nouvelle plant, France, June 28
—Ciment Quebec Inc.'s St. Basile Comte
—Lafarge's Port-la-Nouvelle, France, June . . 28
—Saangyong Cement's Donghae plant, Korea, Aug. 34D
Cement Seminar
19th International Cement Seminar, Feb. . 44
Computer technology
—Computer aids sand producer, Feb. 32
—Computer logic yields 550 tph, Feb. 34
—Look inside a computer's mind, Feb. 30
—Product parade of computers, Feb. 38
Con/Agg Show
—Exhibition floor plan, Jan. 56
—Program schedule, Jan. 28
—Reagan, merger highlight Con/Agg Show, Apr. 28
Computer meet attracts 210, Nov. 47
Computer talks spark lime meet, Nov. 50
Construction to equal
'84 record, forecast, Dec. 23
Crushed stone
—Angle drilling gives lower costs, better muck pile, Aug. 33
—Backhoes dig out clay deposits, Aug. 31
—Blasting—corrections to M/S Delay Blasting Systems series, Oct. 18
—CMC works both quarry and mine, May . . . 41
—How to develop quarry properly, June 40
—Karstic deposit creates blasting with water problems, Aug. 32
—Lofty quarry, purest quartz, May 42
—NLI/NCSA merger, Sept. 48
—Old plant out, new plant in, Aug. 35
—Paper tubes solve collapsing blasthole problem, Aug. 34
—Plant screened by green belt, March 50
—Portable plants cut power charge, March . . 46
—Sand seams increase as quarry advances, Aug. 33
—Separate plant aimed at riprap, Sept. 44
—Solving quarry problems, Aug. 31
—Two million tons in nine months, Oct. 56
—Recycling, . . . update on, June 25
—Roll crushers prove versatile/Part IV, Jan. . 43
Crushed stone plants
—Baskatong Quartz, Inc., Montreal, Quebec, Canada, May 42
—CMC Inc., Carthage, Mo., May 41
—Crawford Quarry, Cedar Rapids, Iowa, Aug. 44
—Gainesville Stone Co., Ga., June 21
—Dolcito Quarry Co.'s Tarrant, Ala., plant, Aug. 35
—Genstar's Frederick, Md., plant, May 34
—New Point Stone Co., New Point, Ind., Oct. 60
—Neosho Construction Co., Inc. Council Grove, Kans., Oct. 56
—Syar Industries' Lake Herman quarry, Vallejo, Cal., Sept. 40
—Vulcan Materials quarry, Scottsboro, Ala., July 44

D

Detroit Lime Co., Oct. 46

E

Excess fines, premium product, Sept. 42
Experience with flyash cement, Apr. 87
Editorial comment
—An appreciation, July 15
—A plea for mercy, Nov. 23
—Come grow with us, Oct. 15
—EPA threats? Real or imaginary, June . . . 13
—Heaping praise, Apr. 17
—Leading indicators, June 13
—One for all and all for one, Aug. 15
—Picking on PACs, June 13
—Some special presents, Dec. 11
—The American Crushed Stone Institute, Sept. 49
—The International Trade Commission ruling, Feb. 13
—The light at the end of the tunnel, Jan. . . . 19
—Trouble in River City, May 17
—We win a Neal, March 17

F

Fanelli, Patricia
Computer talks spark lime meet, Nov. . . . 50
Lime: Long-term future hopeful, forecast, Dec. 46
H. G. Fenton Material Co.'s Carroll Canyon plant, San Diego, Cal., Sept. 37
Forget past, Gordon warns, Feb. 44
Forum on Geology of Industrial Minerals, Aug. 45
Fowler, Brian K.
How to develop quarry properly, June . . 40
Fritts, Steward L.
Some thoughts on coal quality, Oct. 49
Forecast 1985, Dec. 23

G

Gainsville Stone Co., Gainesville, Ga., June . . 21
Genstar Cement & Lime's Redding plant, Sacramento, Cal., Apr. 42
Genstar expansion doubles output, May 34
Genstar's Frederick, Md., plant, Frederick, Md., May 34
Geologists meet, discuss problems, Aug. 45
Giant crusher handles oversize, Oct. 60
Giant Portland burns waste oil in kiln, Apr. . 44
Gifford-Hill & Co.'s sand and gravel plant at Benchley (Bryan, Tx.), Sept. 42
Glacial Sand & Gravel Co., Bridgeburg, Pa., May 38
Gordon, Jack L.
What business are we in?, Apr. 37
Gypsum Forecast, Dec. 45

H

Hansen, Eric R.,
Ash Grove's new precalciner kiln, July . . 48
How to develop quarry properly, June 40
Huhta, Richard S.
—Cement: Another good year coming, forecast, Dec. 35
—Editorial comment: An appreciation, July . 15
—Editorial comment: A plea for mercy, Nov. . 23
—Editorial comment: Come grow with us, Oct. 15
—Editorial comment: Heaping praise, Apr. . . 17
—Editorial comment: EPA threats. Real or imaginary? June 13
—Editorial comment: Leading indicators, June 13
—Editorial comment: One for all and all for one, Aug. 15
—Editorial comment: Some special presents, Dec. 11
—Editorial comment: Picking on PACs, June . 13
—Editorial comment: The American Crushed Stone Institute, Sept. 13
—Editorial comment: The light at the end of the tunnel, Jan. 13
—Editorial comment: The International Trade Commission ruling, Feb. 13
—Editorial comment: Trouble in River City, May 17
—Editorial comment: We win a Neal, March 17
—International cement review, Apr. 47
—It's the National Stone Association, Oct. . . 24
—North American cement plant activities, forecast, Dec. 39
—Redec opens its Texas terminal, Aug. . . . 34A
—Roller mills vs. tube mills, Aug. 43
—The last hurrah, Sept. 48
—Touring Japan's cement industry, Nov. . . . 40
—We tour Japan's cement industry, Oct. . . 50A

I

Idea-oriented Swedish firm (AB Meag), May 50A
In-pit crusher cuts truck haul, Aug. 40
International cement review, Apr. 47
It's the National Stone Association, Oct. 24
IEEE meeting, Roller mills vs. tube mills,

J

Japanese cement study tour: An appreciation, July 15
Japanese cement study tour report, Part I, Oct. 50A
Japanese cement study tour report, Part II, November 40
Jigs help rock meet state specs, June 22
Joe Chevreaux Co., Auburn, Cal., March . . . 52

K

Kiln fuel: rice hulks, wood chips, Apr. 42
Kreisberg, Alan J.
Short kiln cuts costs, fuel use, May 46
Kuennen, Tom
—Computer aids sand producer, Feb. 32
—Computer logic yields 550 tph, Feb. 34
—Excess fines, premium product, Sept. 42
—Forget past, Gordon warns, Feb. 44
—Geologists meet, discuss problems, Aug. . . 45
—Lofty quarry, purest quartz, May 42
—Look inside a computer's mind, Feb. 30
—Old plant out, new plant in, Aug. 35
—Product parade of computers, Feb. 38

—Quarry spares gravel reserves, March 52
—Reduce granite to make sand, June 21
—SO_2 stone keeps quarry active, July 44
—Two million tons in nine months, Oct. 56
—Vulcan's new frac sand plant, Nov. 34

L

Lafarge's Port-la-Nouvelle plant, Port-la-Nouvelle, France, June 28
Lightweight aggregates, forecast, Dec. . . 46
Lime
—Kiln controlled by computer, Oct. 46
—Pet coke, a survey report, Oct. 41
Lime, forecast, Dec. 46
Lime plants
Detroit Lime Co., Oct. 46
Lofty quarry, purest quartz, May 42
Look inside a computer's mind, Feb. 30

M

Maintenance
—Conveyor belt repair, March 38
—Specialized hoses need special care, March 42
—Troubleshooting gear drives, March . . . 45
Missouri Limestone and Trap Rock Co., Warrenton, Mo., March 46
M/S delay blasting systems, June 36

N

National Stone Association
—Come grow with us, Oct. 15
—It's the National Stone Association, Oct. 24
Neosho Construction Co. Inc., Oct. 56
New Jersey Pulverizing Co., Feb. 32
New Point Stone Co., Oct. 60
New white cement plant, June 32
Norcem Cement, Norway, Apr. 87
North Star Concrete Co., Mankato, Minn., June 22
National Crushed Stone Association
—Cooperation and consolidation committee, Apr. 17
—Merger with NLI results in National Stone Association, Oct. 15
—Merger plan approved by crushed stone board at '84 ConAgg Show, Apr. 24
—Merges with NLI, Sept. 48
National Lime Association
Computer talk sparks lime meet, Nov. . 50
National Limestone Association
—Merger approved, Apr. 28
—Merger with NCSA results in National Stone Association, Oct. 15
—Merger plan approved by crushed stone board at '84 ConAgg Show, Apr. 24
—Merges with NCSA, Sept. 48
North American cement plant activities, forecast, Dec. 39

O

Old plant out, new plant in, Aug. 35

P

Paliard, Maurice
Precalcining with fluid bed, June 28
Pet coke—a survey report, Oct. 41
Plant screened by green belt, March 50
Portable plants cut power charge, March . 46
Portable plants on parade, Part I, Sept. . . 49
Portable plants on parade, Part II, Oct. . . 51
Precalcining with fluid bed, June 28
Precipitator quickly rebuilt, Feb. 48C
Product parade of computers, Feb. 38
Penny, Laura
—Portable plants on parade, Part I, Sept. 49
—Portable plants on parade, Part II, Oct. 51

Q

Quarry spares gravel reserve, March . . . 52

R

Railroad ballast, Oct. 56
Reagan, merger highlight ConAgg, Apr. . 28
Reber, Luther
Giant Portland Cement burns waste oil in kiln, Apr. 44
Recycling, update on, June 25
Redec opens its Texas terminal, Aug. . . 34A
Reduce granite to make sand, June 21
Rehak, Mike
Roll crushers prove versatile, Jan. 43
Rod deck screen takes out clay, Sept. . . . 37
Roll crushers prove versatile, Jan. 43
Roller mills vs. tube mills, Aug. 43
Robertson, Joseph L.
Aggregates: Urban areas to prosper, forecast, Dec. 25
Computer meet attracts 210, Nov. 47
—Conveyor belt repair, March 38
—Genstar expansion doubles output, May 34
—Giant crusher handles oversize, Oct. . . 60
—In-pit crusher cuts truck haul, Aug. . . . 40
—Jigs help rock meet state specs, June . . 22
—Kiln controlled by computer, Oct. 46
—Pet coke—a survey report, Oct. 41
—Plant screened by green belt, March . . 50
—Portable plants cut power charge, March 46
—Portable plants on parade—Part I, Sept. 49
—Portable plants on parade—Part II, Oct. 51
—Rod deck screen takes out clay, Sept. . . 37
—Separate plant aimed at riprap, Sept. . . 40
—Solving quarry problems, Aug. 31
—Spray/gravity remove waste, May 38
—Update on recycling, June 25
Rock & Concrete World
—Idea-oriented Swedish firm (AB Meag), May 50A
—International report, Feb. 47
—International report, Aug. 50A
—International report, Nov. 54
Rukavina Mitchell
Gypsum: Production may level off: Dec. 45

S

Saudi Research & Development Corp.'s (Redec) Falcon Cement, Houston, Tex., Aug. 34A
Segal, Robert
Kiln fuel: rice hulls, wood chips, Apr. . . 42
Separate plant aimed at riprap, Sept. . . . 40
Sevel, Alain
New white cement plant, June 32
Short kiln cuts cost, fuel use, May 46
Solving quarry problems, Aug. 31
Some thoughts on coal quality, Oct. 49
SO_2 stone keeps quarry active, July 44
Specialized hoses need special care, March 42
Spray/gravity remove waste, May 38
Ssangyong Cement, Aug. 34D
Stoltenberg-Hansson, Erik
Experience with flyash cement, Apr. . . 87
Syar Industries Inc.'s Lake Hermann quarry, Valejo, Cal. 40
Sand and gravel
Spray/gravity remove waste, May 38
Sand and gravel, plants
—Gainsville, Ga., Stone Co., Gainsville, Ga., June 21
—Gifford-Hill's plant at Benchley, Tex., Sept. 42
—Glacial Sand & Gravel Co., Bridgeburg, Pa., May 38
—H. G. Fenton Materials Co., Canyon plant, Cal., Sept. 37
—North Star Concrete Co., Mankato, Minn., June 22

T

Tak, Jeong-Bu
World's largest cement plant, Aug. . . 34D
Timmermann, Donald N.
Troubleshooting gear drives, March . . . 45
Touring Japan's cement industry, Nov. . . 40
Trends, Nov. 35
Troubleshooting gear drives, March 45
Two million tons in nine months, Oct. . . . 56

U

Update on recycling, June 25

V

Vale Quarry plant (Moline Consumers Co.), Abingdon, Ill, Feb. 34
Vulcan Materials' Southern Aggregate Div., Nov. 35
Vulcan Materials, Scottsboro, Ala., quarry, July 44

W

Wake Stone Corp., Knightdale, NC, March 50
Weber, Katherine
Precipitator quickly rebuilt, Feb. . . . 48C
We tour Japan's cement industry, Oct. . 50A
What business are we in?, Apr. 37
Wilson, Joe
Consider the fluid bed, Feb. 48A
World's largest cement plant, Aug. 34D
Waste fuels
—Experience with flyash cement, Apr. . . 87
—Genstar Cement & Lime burns rice hulls and wood chips, Apr. 42
—Giant Portland Cement burns waste oil in kiln, Apr. 44
—Pet coke—a survey report, Oct. 41